

Other Information

At Site Number 1, tape recordings were also taken on AM Stations, WHP, 580 kHz; WMAL, 630 kHz; WCBM, 680 kHz; WCPT, 730 kHz; WQSI, 820 kHz; WWRC, 980 kHz; WBAL, 1090 kHz; WMET, 1150 kHz; WPVG, 1160 kHz; WAGE, 1200 kHz; WFAX, 1220 kHz; WWDC, 1260 kHz; WTOP, 1500 kHz; WTRI, 1520 kHz; WXVA, 1550 kHz, and WINX, 1600 kHz. Recordings were generally undertaken in a similar manner to the examples included for WGMS, 570 kHz; WFMD, 930 kHz and WMZQ, 1390 kHz. Copies of the above tapes can be made available to the Commission on request.

Equipment Used for Listening/Measurement Program

RECEIVERS	Potomac Instruments, Inc. Synthesized Monitor Receiver Model SMR-11* Serial No. 293 Sony Portable FM/AM Stereo Receiver Model SRF-A100
FIELD STRENGTH METER	Potomac Instruments, Inc. Type FIM-41 Serial No. 117 Calibration Date, August 15, 1991 Potomac Instruments, Inc. Type FIM-71 Serial No. 258 Calibration Date, June 4, 1986 Potomac Instruments, Inc. Type FIM-21 Serial No. 820 Calibration Date, Jan. 7, 1985

TAPE RECORDER	<p>Tascam (TEAC Corporation) Model No. 122 MKII Serial No. 280190</p> <p>Realistic Type SCT-28 Model No. 14-641 Serial No. 26013</p> <p>Tascam (TEAC Corporation) Model No. 122 Serial No. 190037</p> <p>Radio Systems, Inc. Professional DAT machine Type RS-1000 Serial No. 1038</p>
*With AMS-II C-QUAM (r) stereo decoder and ANT-II tunable ferrite rod antenna.	
CDE wishes to acknowledge the valuable contributions and assistance and loan of professional equipment from Chase Communications Inc. (WTOP), Greater Media Inc. (WWRC) and Potomac Instruments, Inc.	

AM STEREO DOCKET 92-298

Additional observations have been undertaken in downtown Washington, DC at our office on April 1 and April 2, 1993. These observations were performed on the Eleventh Floor on the Northeast Corner of the Building located at 13th and L Streets, N.W., Washington, DC using the Denon "Super Tuner", Type TU-680NAB, Serial No. 2400633. The tuner was connected to a Technics amplifier, Type SU-G90 with two floor sized speakers, Technics, Type SBA52 and two cabinet speakers, Sony, Type SS-U310. Recordings were made using a Technics, Type RS-TR311 tape recorder. Observations were made using the Denon supplied exterior loop antenna oriented in two different positions. The first position achieved a measured field strength of approximately one (1) mV/m and the second position approximately two (2) mV/m. The

noise blanketing circuit was switched on and off, however, it did not reduce during the course of these observations the AM background interference.

In addition to the AM stereo recording in the wideband and narrow band position, a recording of the simulcast FM WMZQ signal was also made. These recordings are found at the end of the 1991 and 1992 observations.

In this business location, the signal observed with 1 mV/m consistently had background noise both in the wideband and narrow band mode. However, under these same noise conditions, 2 mV/m field strength was sufficient to reduce noise such that compatible audio quality to FM was achieved.





COHEN, DIPPELL AND EVERIST, P.C.

FIELD MEASUREMENT VAN

WITH 30 FOOT TELESCOPING MAST

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(2) Cassette Tapes entitled "AM Stereo Tests"